



#2 OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/010,229

DATE: 01/28/2002
TIME: 11:32:05

Input Set : N:\Crf3\RULE60\10010229.raw
Output Set: N:\CRF3\01282002\J010229.raw

1 <110> APPLICANT: Le, Junming
 2 Vilcek, Jan
 3 Daddona, Peter
 4 Ghrayeb, John
 5 Knight, David M.
 6 Siegel, Scott
 7 <120> TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
 8 Human Tumor Necrosis Factor
 9 <130> FILE REFERENCE: 0975.1005-013
 10 <140> CURRENT APPLICATION NUMBER: 10/010,229
 11 <141> CURRENT FILING DATE: 2001-12-07
 12 <150> PRIOR APPLICATION NUMBER: US/09/927,703
 13 <151> PRIOR FILING DATE: 2001-08-10
 15 <160> NUMBER OF SEQ ID NOS: 19
 16 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 157
 20 <212> TYPE: PRT
 21 <213> ORGANISM: Homo sapiens
 22 <400> SEQUENCE: 1
 23 Val Arg Ser Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val
 24 1 5 10 15
 25 Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg
 26 20 25 30
 27 Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
 28 35 40 45
 29 Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
 30 50 55 60
 31 Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
 32 65 70 75 80
 33 Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala
 34 85 90 95
 35 Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys
 36 100 105 110
 37 Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
 38 115 120 125
 39 Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
 40 130 135 140
 41 Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu
 42 145 150 155
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 321
 46 <212> TYPE: DNA

ENTERED

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47 <213> ORGANISM: Mus Balb/c
 48 <220> FEATURE:
 49 <221> NAME/KEY: CDS
 50 <222> LOCATION: (1)...(321)
 51 <400> SEQUENCE: 2
 52 gac atc ttg ctg act cag tct cca gcc atc ctg tct gtg agt cca gga 48
 53 Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
 54 1 5 10 15
 55 gaa aga gtc agt ttc tcc tgc agg gcc agt cag ttc gtt ggc tca agc 96
 56 Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
 57 20 25 30
 58 atc cac tgg tat cag caa aga aca aat ggt tct cca agg ctt ctc ata 144
 59 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
 60 35 40 45
 61 aag tat gct tct gag tct atg tct ggg atc cct tcc agg ttt agt ggc 192
 62 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
 63 50 55 60
 64 agt gga tca ggg aca gat ttt act ctt agc atc aac act gtg gag tct 240
 65 Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
 66 65 70 75 80
 67 gaa gat att gca gat tat tac tgt caa caa agt cat agc tgg cca ttc 288
 68 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
 69 85 90 95
 70 acg ttc ggc tcg ggg aca aat ttg gaa gta aaa 321
 71 Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
 72 100 105
 74 <210> SEQ ID NO: 3
 75 <211> LENGTH: 107
 76 <212> TYPE: PRT
 77 <213> ORGANISM: Mus Balb/c
 78 <400> SEQUENCE: 3
 79 Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
 80 1 5 10 15
 81 Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
 82 20 25 30
 83 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
 84 35 40 45
 85 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
 86 50 55 60
 87 Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
 88 65 70 75 80
 89 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
 90 85 90 95
 91 Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
 92 100 105
 94 <210> SEQ ID NO: 4
 95 <211> LENGTH: 357
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Mus Balb/c

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Input Set : N:\Crf3\RULE60\10010229.raw
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98 <220> FEATURE:
99 <221> NAME/KEY: CDS
100 <222> LOCATION: (1)...(357)
101 <400> SEQUENCE: 4
102 gaa gtg aag ctt gag gag tct gga gga ggc ttg gtg caa cct gga gga 48
103 Glu Val Lys Leu Glu Glu Ser Gly Gly Leu Val Gln Pro Gly Gly
104 1 5 10 15
105 tcc atg aaa ctc tcc tgt gtt gcc tct gga ttc att ttc agt aac cac 96
106 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
107 20 25 30
108 tgg atg aac tgg gtc cgc cag tct cca gag aag ggg ctt gag tgg gtt 144
109 Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
110 35 40 45
111 gct gaa att aga tca aaa tct att aat tct gca aca cat tat gcg gag 192
112 Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
113 50 55 60
114 tct gtg aaa ggg agg ttc acc atc tca aga gat gat tcc aaa agt gct 240
115 Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
116 65 70 75 80
117 gtc tac ctg caa atg acc gac tta aga act gaa gac act ggc gtt tat 288
118 Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
119 85 90 95
120 tac tgt tcc agg aat tac tac ggt agt acc tac gac tac tgg ggc caa 336
121 Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
122 100 105 110
123 ggc acc act ctc aca gtc tcc 357
124 Gly Thr Thr Leu Thr Val Ser
125 115
127 <210> SEQ ID NO: 5
128 <211> LENGTH: 119
129 <212> TYPE: PRT
130 <213> ORGANISM: Mus Balb/c
131 <400> SEQUENCE: 5
132 Glu Val Lys Leu Glu Glu Ser Gly Gly Leu Val Gln Pro Gly Gly
133 1 5 10 15
134 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
135 20 25 30
136 Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
137 35 40 45
138 Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
139 50 55 60
140 Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
141 65 70 75 80
142 Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
143 85 90 95
144 Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
145 100 105 110
146 Gly Thr Thr Leu Thr Val Ser
147 115

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Input Set : N:\Crf3\RULE60\10010229.raw
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149 <210> SEQ ID NO: 6
 150 <211> LENGTH: 8
 151 <212> TYPE: PRT
 152 <213> ORGANISM: Homo sapiens
 153 <400> SEQUENCE: 6
 154 Gly Thr Leu Val Thr Val Ser Ser
 155 1 5
 157 <210> SEQ ID NO: 7
 158 <211> LENGTH: 7
 159 <212> TYPE: PRT
 160 <213> ORGANISM: Homo sapiens
 161 <400> SEQUENCE: 7
 162 Gly Thr Lys Leu Glu Ile Lys
 163 1 5
 165 <210> SEQ ID NO: 8
 166 <211> LENGTH: 20
 167 <212> TYPE: DNA
 168 <213> ORGANISM: Artificial Sequence
 169 <220> FEATURE:
 170 <223> OTHER INFORMATION: PCR oligonucleotides
 171 <400> SEQUENCE: 8
 172 cctggataacc tgtgaaaaga 20
 174 <210> SEQ ID NO: 9
 175 <211> LENGTH: 27
 176 <212> TYPE: DNA
 177 <213> ORGANISM: Artificial Sequence
 178 <220> FEATURE:
 179 <223> OTHER INFORMATION: PCR oligonucleotides
 180 <400> SEQUENCE: 9
 181 cctggtacct tagtcaccgt ctcctca 27
 183 <210> SEQ ID NO: 10
 184 <211> LENGTH: 27
 185 <212> TYPE: DNA
 186 <213> ORGANISM: Artificial Sequence
 187 <220> FEATURE:
 188 <223> OTHER INFORMATION: PCR oligonucleotides
 189 <400> SEQUENCE: 10
 190 aatagatatac tccttcaaca cctgcaa 27
 192 <210> SEQ ID NO: 11
 193 <211> LENGTH: 21
 194 <212> TYPE: DNA
 195 <213> ORGANISM: Artificial Sequence
 196 <220> FEATURE:
 197 <223> OTHER INFORMATION: PCR oligonucleotides
 198 <400> SEQUENCE: 11
 199 atcggggacaa agttggaaat a 21
 201 <210> SEQ ID NO: 12
 202 <211> LENGTH: 16
 203 <212> TYPE: DNA

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Input Set : N:\Crf3\RULE60\10010229.raw
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204 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: PCR oligonucleotides
207 <400> SEQUENCE: 12
208 ggcggtctgg taccgg 16
210 <210> SEQ ID NO: 13
211 <211> LENGTH: 19
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: PCR oligonucleotides
216 <400> SEQUENCE: 13
217 gtcaacaaca tagtcatca 19
219 <210> SEQ ID NO: 14
220 <211> LENGTH: 23
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: PCR oligonucleotides
225 <400> SEQUENCE: 14
226 cacaggtgtg tccccaaaggaa aaa 23
228 <210> SEQ ID NO: 15
229 <211> LENGTH: 18
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: PCR oligonucleotides
234 <400> SEQUENCE: 15
235 aatctggggt aggaccaa 18
237 <210> SEQ ID NO: 16
238 <211> LENGTH: 17
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: PCR oligonucleotides
243 <400> SEQUENCE: 16
244 agtgtgtgtc cccaaagg 17
246 <210> SEQ ID NO: 17
247 <211> LENGTH: 24
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: PCR oligonucleotides
252 <400> SEQUENCE: 17
253 cacagctgcc cgccccagggtg gcat 24
255 <210> SEQ ID NO: 18
256 <211> LENGTH: 17
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY

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